

Top 20 Chemicals with Largest Total On-site and Off-site Releases, Metal Mining (SIC Code 10), 1999

CAS Number		Chemical		On-site Releases							Off-site Releases	Total On- and Off-site Releases
				Underground Injection				On-site Land Releases				
				Total Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA		Total On-site Releases Pounds		
								Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
										Off-site to Disposal Pounds	Pounds	
--	Copper compounds	312,884	4,670	0	1,205,581	0	1,710,201,915	1,711,725,050	1,618	1,711,726,668		
--	Zinc compounds	224,045	34,378	0	21,078,960	0	657,121,998	678,459,381	8,048	678,467,429		
--	Arsenic compounds	57,401	6,057	0	880,034	0	548,995,573	549,939,065	263	549,939,328		
--	Manganese compounds	71,727	10,505	0	1,100,000	0	373,166,213	374,348,445	1,964,332	376,312,777		
--	Lead compounds	193,163	9,148	0	7,959,140	0	277,078,175	285,239,626	139	285,239,765		
--	Chromium compounds	19,972	261	0	0	0	108,292,334	108,312,567	138,861	108,451,428		
--	Barium compounds	8,741	25	0	1,900,000	0	91,548,207	93,456,973	25,170	93,482,143		
--	Nickel compounds	6,021	3,340	0	41,007	0	39,562,810	39,613,178	5	39,613,183		
7440-38-2	Arsenic	3,570	0	0	0	0	34,542,000	34,545,570	0	34,545,570		
--	Antimony compounds	2,916	8,346	0	610,086	0	25,480,766	26,102,114	5	26,102,119		
7440-50-8	Copper	9,714	5	0	0	0	11,139,279	11,148,998	0	11,148,998		
--	Cobalt compounds	1,463	5	0	17,001	0	11,022,063	11,040,532	50	11,040,582		
7440-47-3	Chromium	762	6	0	38,000	0	9,213,623	9,252,391	27	9,252,418		
--	Cadmium compounds	18,434	754	0	100,000	0	8,571,734	8,690,922	255	8,691,177		
--	Nitrate compounds	270	353,035	0	2,600	0	5,367,219	5,723,124	18	5,723,142		
7439-96-5	Manganese	1,293	11	0	0	0	3,844,945	3,846,249	6	3,846,255		
--	Selenium compounds	726	301	0	0	0	3,543,078	3,544,105	5	3,544,110		
7440-02-0	Nickel	1,029	85	0	0	0	3,480,924	3,482,038	50	3,482,088		
--	Silver compounds	718	320	0	160,000	0	3,018,078	3,179,116	0	3,179,116		
--	Mercury compounds	3,098	9	0	0	0	2,630,006	2,633,113	0	2,633,113		
Subtotal		937,947	431,261	0	35,092,409	0	3,927,820,940	3,964,282,557	2,138,852	3,966,421,409		
Total*		4,452,614	447,029	0	35,092,409	0	3,934,845,946	3,974,837,998	2,178,868	3,977,016,866		

Note: On-site Releases are from Section 5 of Form R. Off-site Releases are from Section 6 (transfers off-site to disposal) of Form R. Off-site Releases include metals and metal compounds transferred off-site for solidification/stabilization and for wastewater treatment, including to POTWs. Off-site Releases do not include transfers to disposal sent to other TRI Facilities that reported the amount as an on-site release.

* Total for Metal Mining (SIC Code 10)